

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/008078 A3

(51) International Patent Classification:
B23D 21/06 (2006.01) B23D 47/04 (2006.01)

(21) International Application Number:
PCT/US2004/021827

(22) International Filing Date: 9 July 2004 (09.07.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/485,749 10 July 2003 (10.07.2003) US

(71) Applicant and

(72) Inventor: WICKLUND, James, Vanerd, Jr. [US/US];
94-363 Puaahi Place, Mililani, Hawaii 96789 (US).

(74) Agent: SLATTERY, James, M.; Birch, Stewart, Kolasch
& Birch, LLP, P.O. Box 747, Falls Church, VA 22040-0747
(US).

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,

GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

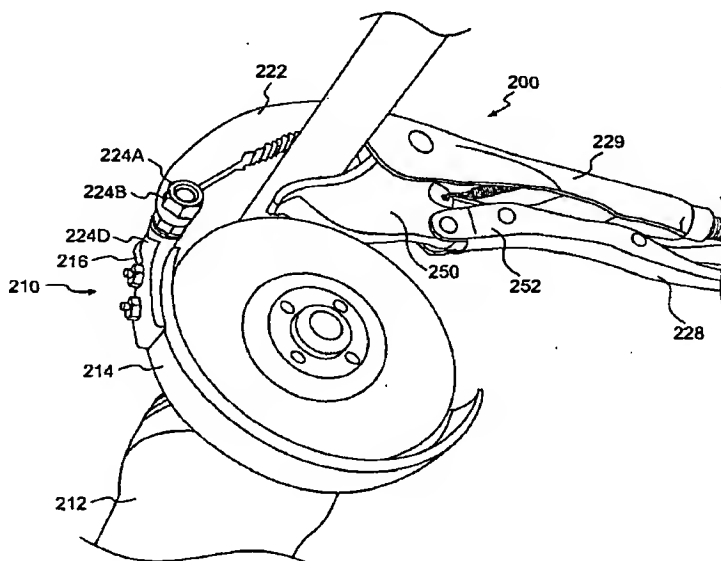
Published:

— with international search report
— before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
23 August 2007

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: CLAMPING PLIERS



(57) Abstract: A clamping tool for use with a power tool includes a housing mounted on a power tool. The housing includes at least one engaging portion. The locking pliers includes a retaining section with a proximal end and a distal end. The proximal end is mounted on the at least one engaging portion for retain the locking pliers in a selectively, releasably, rotational relationship relative to the housing. An engaging section of the locking pliers is mounted relative to the retaining section and is selectively locked relative to the distal end of the retaining section for positioning an article therebetween. In two embodiments, after an article is locked in the locking pliers, the locking pliers can be rotated either away from or towards the housing to permit the power tool to come into engagement with an article.

WO 2005/008078 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/21827

A. CLASSIFICATION OF SUBJECT MATTER

IPC: B23D 21/06(2006.01)
B23D 47/04(2006.01)

USPC: 30/388,370.371,378.92

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,284,895 A (SELANDER et al.) 15 November 1966 (15.11.1966), Figs. 5-8.	1-3, 5, 7, 9, 11-13, 15 and 17
Y		4, 8, 10, 14 and 18-19
Y	US 3,093,023 A (VAIL) 11 June 1963 (11.06.1963), Figs. 1-3.	4, 8, 10, 14 and 18
Y	US 4,633,862 A (PETERSEN) 06 January 1987 (06.01.1987), Figs. 1-3.	19
A	US 5,303,471 A (LIBERATOSCIOLI) 19 April 1994 (19.04.1994), Figs. 1-5.	1-19



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

15 May 2007 (15.05.2007)

Date of mailing of the international search report

03 JUL 2007

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

Ghassem Alie *Sharon D. Greene for*
Telephone No. (571) 272-4501

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US04/21827

Continuation of B. FIELDS SEARCHED Item 1:

30/388,370,371,378,92,166.3,520,93,95,97,12.3,505,124,277.1.369,372,90.1.90.4.90.8,90.2: 269/96; 81/346,63.1.9.44.9.4.9.43; 7/107